

WHAT IS CLAIMED IS:

1. A display controlling apparatus for
controlling a display apparatus which displays TV
program information, comprising:

5 receiving means for receiving program information
on a plurality of programs;

 display control means for controlling so as to
display first program information on said plurality of
programs on the basis of the program information
10 received by said receiving means on display means; and

 selection means for selecting first program
information relating to an arbitrary program in the
first program information displayed on said display
means,

15 wherein said display control means controls so as
to display second program information on a program
relating to said first program information selected by
said selection means, and controls so as to display the
second program information on a plurality of said
20 selected programs.

2. An apparatus according to claim 1, wherein
said second program information is information
more detailed than said first program information.

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3. An apparatus according to claim 1, wherein
said second program information includes at least

one piece of information of a title of a program,
information concerning contents of the program,
information concerning a genre to which the program
belongs, charge information to the program, and
5 information concerning a broadcasting time of the
program.

4. An apparatus according to claim 1, wherein
said first program information is displayed in the
10 form of a program table indicating program titles with
channel number information being a vertical axis
(horizontal axis) and broadcasting time information on
program being a horizontal axis (vertical axis).

15 5. An apparatus according to claim 1, wherein
said display control means controls so as to
display said first program information and second
program information on a program relating to said first
program information selected by said selection means on
20 the same screen.

6. An apparatus according to claim 1, wherein
said selection means can select arbitrary first
program information in a state that said second program
25 information, and

said display control means controls so as to
display second program information relating to said

further selected first program information on the same screen as said displayed second program information.

7. An apparatus according to claim 6, wherein
5 when selecting further arbitrary first program information by said selection means,

said display control means controls so as to selectively display first program information on said plurality of programs so as not to eliminate a display
10 of the first program information selected by said selection means.

8. An apparatus according to claim 1, wherein
said display control means controls so as to
15 fixedly display said second program information to an arbitrary area in said screen and so as to selectively display said first program information in said screen.

9. An apparatus according to claim 8, wherein
20 after fixedly displaying said second program information in said arbitrary area, said display control means displays second program information relating to a program of the first program information selected by said selection means selectively in
25 accordance with the selection operation and adjacent to said selected first program information.

10. An apparatus according to claim 8, wherein
said receiving means receives program information
relating to programs transmitted by different
transmission paths, and

5 said display control means controls so as to
display a plurality of pieces of said second program
information relating to programs transmitted by said
different transmission paths, respectively.

10 11. An apparatus according to claim 10, wherein
 said display control means controls so as to
fixedly display said second program information in an
arbitrary area in said screen and so as to selectively
display first program information on a program
15 transmitted by a transmission path different from the
program of the displayed second program information in
said screen.

20 12. An apparatus according to claim 10, wherein
 said transmission paths include at least one of
digital television broadcasting by a communication
satellite (CS), digital broadcasting by a broadcasting
satellite (BS), digital television broadcasting by
ground waves, and digital television broadcasting by
25 cable transmission.

13. A display controlling method for controlling

a display apparatus which displays TV program information, comprising:

the receiving step of receiving program information on a plurality of programs;

5 the display control step of controlling so as to display first program information on said plurality of programs on the basis of said received program information on display means; and

10 the selecting step of selecting first program information relating to an arbitrary program in the first program information displayed on said display means,

wherein said display control step controls so as to display second program information on a program
15 relating to said selected first program information, and controls so as to display the second program information on a plurality of said selected programs.

14. A method according to claim 13, wherein
20 said second program information is information more detailed than said first program information.

15. A method according to claim 13, wherein
said second program information includes at least
25 one piece of information of a title of a program, information concerning contents of the program, information concerning a genre to which the program

belongs, charge information to the program, and information concerning a broadcasting time of the program.

5 16. A method according to claim 13, wherein
said first program information is displayed in the
form of a program table indicating program titles with
channel number information being a vertical axis
(horizontal axis) and broadcasting time information on
10 program being a horizontal axis (vertical axis).

 17. A method according to claim 13, wherein
said display control step controls so as to
display said first program information and second
15 program information on a program relating to said first
program information selected by said selecting step on
the same screen.

 18. A method according to claim 13, wherein
20 said selecting step can select arbitrary first
program information in a state that said second program
information, and

 said display control step controls so as to
display second program information relating to said
25 further selected first program information on the same
screen as said displayed second program information.

19. A method according to claim 18, wherein
when selecting further arbitrary first program
information by said selecting step,

5 said display control step controls so as to
selectively display first program information on said
plurality of programs so as not to eliminate a display
of the first program information selected by said
selecting step.

10 20. A method according to claim 13, wherein
 said display control step controls so as to
fixedly display said second program information to an
arbitrary area in said screen and so as to selectively
display said first program information in said screen.

15 21. A method according to claim 20, wherein
 after fixedly displaying said second program
information in said arbitrary area, said display
control step displays second program information
20 relating to a program of the first program information
selected by said selecting step selectively in
accordance with the selection operation and adjacent to
said selected first program information.

25 22. A method according to claim 13, wherein
 said receiving step receives program information
concerning programs transmitted by different

transmission paths, and

said display control step controls so as to
display a plurality of pieces of said second program
information relating to programs transmitted by said
5 different transmission paths, respectively.

23. A method according to claim 22, wherein
said display control step controls so as to
fixedly display said second program information in an
10 arbitrary area in said screen and so as to selectively
display first program information on a program
transmitted by a transmission path different from the
program of the displayed second program information in
said screen.

15 24. A method according to claim 22, wherein
said transmission paths include at least one of
digital television broadcasting by a communication
satellite (CS), digital broadcasting by a broadcasting
20 satellite (BS), digital television broadcasting by
ground waves, and digital television broadcasting by
cable transmission.

25 25. A storage medium storing program data for
executing the following display controlling method:
the receiving step of receiving program
information on a plurality of programs;

the display control step of controlling so as to display first program information on said plurality of programs on the basis of said received program information on display means; and

5 the selecting step of selecting first program information relating to an arbitrary program in the first program information displayed on said display means,

10 wherein said display control step controls so as to display second program information on a program relating to said selected first program information, and controls so as to display the second program information on a plurality of said selected programs.

15 26. A display controlling apparatus, comprising:
receiving means for receiving television signals including EPG (Electronic Program Guide) data indicating program information on a plurality of programs;

20 output means for outputting program table data for list-displaying program information relating to said plurality of programs on the basis of the EPG data received by said receiving means, to display means;

25 selection means for selecting program information relating to an arbitrary program from a list display of the program information displayed on said display means; and

display control means for controlling said display means so as to display detailed program information relating to the program of the program information on the same screen as the list display of said program information in accordance with a selection operation by
5 said selection means,

wherein in a state that detailed program information relating to the first program selected by said selection means is displayed by said display
10 means, said selection means can further select program information relating to an arbitrary program in the program information relating to said plurality of programs, and said display control means controls so as to display detailed program information relating to
15 said selected second program on the same screen as the detailed program information relating to said first program.

27. An apparatus according to claim 26, wherein
20 said detailed program information includes at least one piece of information of a title of a program, information concerning contents of the program, information concerning a genre to which the program belongs, charge information to the program, and
25 information concerning a broadcasting time of the program.

28. An apparatus according to claim 26, wherein
said program information is displayed in the form
of a program table indicating program titles with
channel number information being a vertical axis
5 (horizontal axis) and broadcasting time information on
program being a horizontal axis (vertical axis).

29. An apparatus according to claim 26, wherein
said display control means controls said display
10 means so as to fixedly display said detailed program
information to an arbitrary area in said screen and so
as to selectively display said program information in
said screen.

30. An apparatus according to claim 29, wherein
after fixedly displaying said detailed program
information in said arbitrary area, said display
control means controls so as to selectively display
detailed program information relating to a program of
20 the program information selected by said selection
means in accordance with the selection operation.

31. An apparatus according to claim 26, wherein
said receiving means receives EPG data relating to
25 programs transmitted by different transmission paths,
and
said display control means controls so as to

display a plurality of pieces of said detailed program information relating to programs transmitted by said different transmission paths, respectively.

5 32. An apparatus according to claim 31, wherein
said display control means controls so as to
fixedly display said detailed program information in an
arbitrary area in said screen and so as to selectively
display program information on a program transmitted by
10 a transmission path different from the program of the
displayed detailed program information in said screen.

 33. An apparatus according to claim 31, wherein
said transmission paths include at least one of
15 digital television broadcasting by a communication
satellite (CS), digital broadcasting by a broadcasting
satellite (BS), digital television broadcasting by
ground waves, and digital television broadcasting by
cable transmission.

20 34. A display controlling method for controlling
a display apparatus which displays TV program
information, comprising steps of:

 receiving television signals including EPG
25 (Electronic Program Guide) data indicating program
information on a plurality of programs;
 outputting program table data for list-displaying

program information relating to said plurality of programs on the basis of said received EPG data, to display means;

5 selecting program information relating to an arbitrary program from a list display of the program information displayed on said display means; and

10 controlling said display means so as to display detailed program information relating to the program of the program information on the same screen as the list display of said program information in accordance with said selection operation; and

15 in a state that detailed program information relating to said selected first program is displayed by said display means, capable of selecting program information relating to an arbitrary program in the program information relating to said plurality of programs, controlling said display means so as to display detailed program information relating to said selected second program on the same screen as the
20 detailed program information relating to said first program.

35. A storage medium storing program data for executing the following display controlling method:

25 receiving television signals including EPG (Electronic Program Guide) data indicating program information on a plurality of programs;

outputting program table data for list-displaying
program information relating to said plurality of
programs on the basis of said received EPG data, to
display means;

5 selecting program information relating to an
arbitrary program from a list display of the program
information displayed on said display means; and

 controlling said display means so as to display
detailed program information relating to the program of
10 the program information on the same screen as the list
display of said program information in accordance with
said selection operation; and

 in a state that detailed program information
relating to said selected first program is displayed by
15 said display means, capable of selecting program
information relating to an arbitrary program in the
program information relating to said plurality of
programs, controlling said display means so as to
display detailed program information relating to said
20 selected second program on the same screen as the
detailed program information relating to said first
program.